

**Middle School Initiative****PART I  
COVER SHEET****CAP 2 SEMESTER 2 WEEK 7**

**COURSE:** Lindbergh Aerospace Education, Achievement 5

**LESSON TITLE:** History of Rockets

**LENGTH OF LESSON:** 50 Minutes

**METHOD:** Lecture - Performance

**REFERENCE(S):**

1. *Aerospace Dimensions*, Module 4, Chapter 1, 2000
2. Study Guide, 2000
3. Leader Guide, 2000
4. Resource Guide, 2000

**AUDIO/VISUAL AIDS/HANDOUTS/ACTIVITY MATERIAL(S):** As Needed

**COGNITIVE OBJECTIVE:** To learn the history of rockets.

**COGNITIVE SAMPLES OF BEHAVIOR:** Upon completion of this chapter, the cadet should be able to:

1. Identify historical facts about the Greeks, Chinese and British, and their roles in the development of rockets.
2. Describe America's early contributions to the development of rockets.
3. List the early artificial and manned rocket launches and their missions.

**AFFECTIVE OBJECTIVE:** N/A

**AFFECTIVE SAMPLES OF BEHAVIOR:** N/A

**Middle School Initiative****PART II  
TEACHING PLAN****Introduction**

**ATTENTION:** Today, you will begin your Aerospace Education studies in Module 4. We will start with *Aerospace Dimensions*, Module 4, Chapter 1 - History of Rockets.

**MOTIVATION:** Have you ever seen videos of the early days of America's rocket firings that failed? What brought America to the point of developing rockets? What tries had been done before with what results? This chapter should help us understand the history of rockets.

**OVERVIEW:** During this period, your aerospace studies will be History of Rockets.

**Body**

**NOTE:** The instructor should use the lesson plan in the Leader Guide, Pages 21-23. For today's lesson, the cadets should use the Study Guide, Pages 21-22. A materials list is located in the Resource Guide, Page 49.

**Conclusion**

**SUMMARY:** We have studied the material in *Aerospace Dimensions*, Module 4, Chapter 1.

**REMOTIVATION:** Now you have some understanding of the history of rockets and what it took to get to the level that rockets are today.

**CLOSURE:** Next week, we will continue our AE studies with Module 4, Chapter 2 - Rocket Principles. **Any questions? See you next week!**

**Middle School Initiative****PART III  
LESSON REVIEW**

**LESSON OBJECTIVE(S):** Today, we learned how to:

1. Identify historical facts about the Greeks, Chinese and British, and their roles in the development of rockets.
2. Describe America's early contributions to the development of rockets.
3. List the early artificial and manned rocket launches and their missions.

**LESSON QUESTIONS:** Contained in *Aerospace Dimensions*, Module 4, Chapter 1.